




Technical data sheet

STP GLASS

Windscreen adhesive

OPIS	
<p>STP GLASS is a high decking, fast curing, one-component, flexible and high performance polyurethane adhesive for direct glazing of the vehicle glass. It is designed for bonding windscreens, side and rear windows to passenger cars, trucks, tractors and special vehicles. Also used for bonding fibreglass reinforced plastic elements (roofs, side and frontal panels) on vehicles. It can be used in all applications where a strong elastic structural bonding to elements of different compositions (automotive top coat paint, metal sheets, fibreglass and reinforced plastic) is necessary and that undergo a strong mechanical or thermal stress. It is specifically designed to give a fast and safe drive-away time on vehicles fitted with airbags in 1 hour. Suitable for use with integrated antennas or other electrical devices.</p>	
FEATURES	
One-component polyurethane	
Solvent free, odorless	
Fast curing	
Suitable for cold and warm application	
Outstanding thixotropy, high decking, non-sagging	
High green strength	
High Modulus	
Capable of withstanding high dynamic stresses	
Suitable for use with integrated antennas	
PROPERTIES	
Curing mechanism	Moisture-curing
Density	1,16 g/cm ³
Hardness, Shore A (DIN 53505)	58
Tensile strength (PN ISO 37, DIN 53504)	15 MPa
Elongation at break (PN ISO 37, DIN 53504)	750%
Electrical volume resistivity (DIN IEC 93)	10 ⁷ Ω-cm
DRIVE AWAY TIME (DAT)	
Drive away time 1h	
On vehicles fitted with both driver and passenger airbags.	
The product is compliant to Federal Motor Vehicle Safety Standard 212 and all long-term durability requirements	



APPLICATION TEMPERATURE		
From +5°C to +40°C.		
SKIN TIME		
	Skin formation time	20 min in 23°C, 50% RH
	Curing through volume	ca. 3,2mm/24h in 23°C, 50% RH
APPLICATION		
<p>Fit the can into a manual or pneumatic air operated gun (provided with telescopic piston). The surfaces to be treated should be perfectly clean, dry and free from dust and grease. It is necessary to treat the windscreen and its bonding surface using a degreaser and use STP GLASS PRIMER specific primer. It is advisable to carry out preliminary adhesion tests on the support. Do not cure in the presence of curing silicone sealants. Avoid contact with alcohol and other solvent cleaners during cure. When applying adhesive, avoid air-entrapment. Since STP GLASS system is moisture-cured, permit sufficient exposure to air. Bonded elements may require additional holding or support during curing period. Tooling and finishing must be carried out within the tack-free time of the sealant.</p>		
COLOUR		
Black		
EQUIPMENT CLEANING		
NC cleaners, ethyl acetate (until cured) Mechanically (once cured)		
STORAGE CONDITIONS		
Store in 10° - 25°C in a dry room, away from sources of fire and heat. The storage temperature should not exceed 25°C for extended periods of time		
SHELF LIFE		
STP GLASS	12 months at 20°C in originally sealed cartridges	
SAFETY		
See the Safety Data Sheet.		
OTHER INFORMATION		
Registration number: 000024104 The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to perform a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.		